Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	100	("5966513" "6085238" "6172991" "6226644" "6226644" "6289377" "6584074" "6760775" "6779039" "6014700" "6044369" "6128644" "6003083" "6047324" "6049528" "6075776" "6137791" "6272537" "6279037" "6327620" "6374299" "6415331" "6446141" "6493446" "6529882" "6584491" "6728748" "6167448" "6405211" "6529941" "6636845" "6721727" "6748382" "6792577" "6032266" "6148411" "6094649" "6279006" "6347307" "6356907" "6366934" "6421656" "6453329" "6519597" "6535884" "6584459" "6647410" "6654737" "6665663" "6697817").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 12:56
L2	96	("6701328" "6728694" "6748569" "6754648" "6763343" "6785685" "6795868" "6817008" "6820135" "6826582" "6041041" "6067557" "6212559" "6212559" "6335919" "6553031" "6665273" "6798993" "6320845" "6621791" "5720035" "6091737" "6115362" "6160795" "6269398" "6400722" "6401117" "6421730" "6625689" "6701338" "5319644" "5537099" "5802309" "6115041" "6282169" "6414958" "6421714" "6463133" "6490617" "6501757" "6718379" "6202087" "6336137" "6697805" "6012098" "6012984" "6055569" "6249844" "6463440" "6476833").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:48
L21	1225	(configuration and operational) same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:28
L22	487	(configuration same operational) same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:30
L23	7	(configuration same operational) same request same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:30

L24	0	(l1 or l2) and (configuration same operational) same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:30
L25	12	(configuration near2 request) and (operational near2 request)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:32
L26	7	((configuration near2 request) and (operational near2 request) and router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:33
L27	2	((configuration near2 request)same router) and ((operational near2 request) and router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 15:34
L28	3	((configuration near4 request)same router) and ((operational near4 request) and router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:10
L29	26	((configurat$4 near4 request)same router) and ((operat$5 near4 request) and router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:16
L30	10	((configurat$4 near4 request)same router) and ((operat$5 near4 request) same router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:16
L31	644	xml adj2 tag	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:48
L32	7	xml adj2 tag same router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:48
L33	99	xml adj2 tag and router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:49

L34	1	(xml adj2 tag and router).ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:50
L35	2	(xml adj2 tag).ab. and router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 16:50
L36	2	("6212559").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 17:06
S1	9039	(709/217,218,224,227,310).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:44
S2	1869	(707/2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:41
S3	2561	(705/14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:42
S4	4201	(rout$4) same configurat$4 same request$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:40
S5	50	(rout$4) same configurat$4 same request$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:54
S6	2	(S1 or S2 or S3)and (rout$4) same configurat$4 same request$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:46
S7	2	(S1 or S2 or S3)and (rout$4) same configurat$4 same request$4 same (xml or "extensible markup language")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:51

S8	3	emit$4 same (respons$2 or repl$4) same (xml or "extensible markup language") same network	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:52
S9	8	(rout$4)same (tabl$2) same configurat$4 same request$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:54
S10	4	(rout$4)near4 (tabl$2) same configurat$4 same request$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 11:57
S11	21	configurat$4 same request same encod$4 same xml	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:36
S12	21	configurat$4 same request same encod$4 same (xml or "extensible markup language")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:37
S13	15	configurat$4 same request same encod$4 same (xml or "extensible markup language") and (rout$4 or WAN or hub or LAN)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:37
S14	24908973	((rout$4) same configurat$4 same request$4)@pd<="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:42
S15	11061	((rout$4) same configurat$4 same request$4)@pd="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:44
S17	7195	(S1 or S2 or S3)and ((rout$4) same configurat$4 same request$4)@pd="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:44
S19	20154	(S1 or S2 or S3)@pd="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:46

S20	2	S19 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 12:48
S21	335	S19 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:10
S22	161	S21 and (rout$4) same table$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 13:11
S23	10	(("6640241") or ("5964844") or ("6671869") or ("6735630") or ("6434543")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 13:12
S24	305	(xml or "extensible markup language") same request same rout$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S25	130	(xml or "extensible markup language") same request same rout$4 and (pars$4 or examin$4 or analyz$4) same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:14
S26	17	(xml or "extensible markup language") same request same rout$4 and (pars$4 or examin$4 or analyz$4) same configurat$4 same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S27	9039	(709/217,218,224,227,310).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S28	1869	(707/2).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S29	2561	(705/14).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15

S30	20154	(S27 or S28 or S29)@pd="20010531"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S31	23	S30 and (xml or "extensible markup language") same request same rout$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:25
S32	0	S30 and (xml or "extensible markup language") same request same rout$4 and (pars$4 or examin$4 or analyz$4) same configurat$4 same request	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:15
S33	27984	(manag$4) same rout$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:26
S34	5176	(manag$4) same router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29
S35	527	S34 and (xml or "extensible markup language")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:27
S36	360	S34 and (xml or "extensible markup language") and ((control$4 or configur$4) same router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29
S37	12	S34 and (xml or "extensible markup language") and ((control$4 or configur$4) same (network adj router))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29
S38	0	S30 and S34 and (xml or "extensible markup language") and ((control$4 or configur$4) same (network adj router))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29
S39	450	S30 and (manag$4) same router	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/08 16:29

S40	37	S30 and S34 and (xml or "extensible markup language") and ((control$4 or configur$4) same router)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 12:37
S41	90	("6393456" "6418448" "6351748" "6449633" "6529905" "6574655" "6606642" "6658429" "6721871" "6829606" "5949974" "5799072" "6041349" "6711613" "6219708" "6219708" "6119165" "6434141" "6748473" "6697818" "6421673" "6442460" "6826716" "6629002" "6795854" "5926463" "5859852" "5586121" "5818845" "5828655" "5835727" "6031836" "6104727" "5898823" "5946322" "6005850" "6016316" "6078952" "6144987" "6151326" "6018721" "6038594" "6061334" "6512744" "5541911" "5634010" "5740424" "5802042" "5812779" "5905872").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/09 12:45

46
PLUS Search Results for S/N 09871046, Searched December 09, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search
system for U.S. Patents from 1971 to the present. PLUS is a
query-by-example search system which produces a list of patents that are
most closely related linguistically to the application searched. This
search was prepared by the staff of the Scientific and Technical
Information Center, SIRA.

6393456	5966513	6701328
6418448	6085238	6728694
6351748	6172991	6748569
6449633	6226644	6754648
6529905	6226644	6763343
6574655	6289377	6785685
6606642	6584074	6795868
6658429	6760775	6817008
6721871	6779039	6820135
6829606	6014700	6826582
5949974	6044369	6041041
5799072	6128644	6067557
6041349	6003083	6212559
6711613	6047324	6212559
6219708	6049528	6335919
6219708	6075776	6553031
6119165	6137791	6665273
6434141	6272537	6798993
6748473	6279037	6320845
6697818	6327620	6621791
6421673	6374299	5720035
6442460	6415331	6091737
6826716	6446141	6115362
6629002	6493446	6160795
6795854	6529882	6269398
5926463	6584491	6400722
5859852	6728748	6401117
5586121	6167448	6421730
5818845	6405211	6625689
5828655	6529941	6701338
5835727	6636845	5319644
6031836	6721727	5537099
6104727	6748382	5802309
5898823	6792577	6115041
5946322	6032266	6282169

6005850	6148411	6414958
6016316	6094649	6421714
6078952	6279006	6463133
6144987	6347307	6490617
6151326	6356907	6501757
6018721	6366934	6718379
6038594	6421656	6202087
6061334	6453329	6336137
6512744	6519597	6697805
5541911	6535884	6012098
5634010	6584459	6012984
5740424	6647410	6055569
5802042	6654737	6249844
5812779	6665663	6463440
5905872	6697817	6476833

Most Frequently Occurring Classifications of Patents Returned
From A Search of 09871046 on December 09, 2004

Original Classifications
```
12   709/223
 9   707/10
 4   370/254
 4   707/1
 4   707/3
 4   709/224
 4   709/226
 4   709/246
 3   709/200
 3   709/221
 3   709/238
 2   370/230
 2   370/255
 2   370/352
 2   370/389
 2   370/449
 2   370/468
 2   705/35
 2   707/101
 2   707/102
 2   707/2
 2   707/4
 2   709/202
 2   709/203
 2   709/206
 2   709/217
 2   709/227
```

Cross-Reference Classifications
```
16   709/223
15   715/513
 9   707/10
 9   707/100
 9   707/102
 9   709/224
 9   709/238
 8   370/401
 7   707/104.1
 7   709/203
 7   709/218
 6   709/217
 6   709/229
 5   707/4
```

```
5   709/219
5   709/220
5   709/230
5   709/249
4   707/101
4   707/9
4   709/202
4   709/227
4   719/315
3   370/235
3   370/276
3   370/392
3   370/412
3   370/428
3   707/1
3   707/103R
3   707/201
3   709/206
3   709/236
3   709/242
3   709/246
3   715/501.1
3   718/104
3   719/329
2   370/230
2   370/241
2   370/285
2   370/395.31
2   370/397
2   370/400
2   370/402
2   370/404
2   370/407
2   370/408
2   370/410
2   370/463
2   370/486
2   455/432.2
2   705/36
2   705/37
2   707/203
2   707/6
2   709/201
2   709/226
2   709/231
2   709/243
2   709/245
2   713/340
```

```
2   714/21
2   714/47
2   714/48
2   715/514
2   715/700
```

Combined Classifications
```
28   709/223
18   707/10
16   715/513
13   709/224
12   709/238
11   707/102
10   707/100
 9   370/401
 9   709/203
 8   707/104.1
 8   709/217
 7   707/1
 7   707/4
 7   709/218
 7   709/229
 7   709/246
 6   707/101
 6   709/202
 6   709/219
 6   709/226
 6   709/227
 5   370/254
 5   707/3
 5   709/206
 5   709/220
 5   709/230
 5   709/249
 4   370/230
 4   370/235
 4   370/392
 4   707/103R
 4   707/9
 4   709/200
 4   709/236
 4   719/315
 3   370/241
 3   370/255
 3   370/276
 3   370/389
 3   370/402
 3   370/404
```

3	370/412
3	370/428
3	370/449
3	370/468
3	707/2
3	707/201
3	709/201
3	709/221
3	709/242
3	709/245
3	715/501.1
3	718/104
3	719/329
2	370/232
2	370/252
2	370/285
2	370/352
2	370/395.31
2	370/397
2	370/400
2	370/407
2	370/408
2	370/410
2	370/422
2	370/463
2	370/486
2	455/432.2
2	705/35
2	705/36
2	705/37
2	707/200
2	707/203
2	707/5
2	707/6
2	709/222
2	709/225
2	709/231
2	709/232
2	709/243
2	713/340
2	714/21
2	714/47
2	714/48
2	715/514
2	715/522
2	715/523
2	715/700

Titles of Most Frequently Occurring Classifications of Patents Returne
d

From A Search of 09871046 on December 09, 2004

28   709/223   (12 OR, 16 XR)
        Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/223   .Computer network managing

18   707/10   (9 OR, 9 XR)
        Class   707 :   DATA PROCESSING: DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/1   DATABASE OR FILE ACCESSING
        707/10   .Distributed or remote access

16   715/513   (1 OR, 15 XR)
        Class . 715 :   DATA PROCESSING: PRESENTATION PROCESSING OF
                        DOCUMENT
        715/513   STRUCTURED DOCUMENT (E.G., HTML, SGML, ODA,
                            CDA)

13   709/224   (4 OR, 9 XR)
        Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/223   .Computer network managing
        709/224   ..Computer network monitoring

12   709/238   (3 OR, 9 XR)
        Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/238   .Computer-to-computer data routing

11   707/102   (2 OR, 9 XR)
        Class   707 :   DATA PROCESSING: DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/100   DATABASE SCHEMA OR DATA STRUCTURE
        707/102   .Generating database or data structure (e.g.,
                            via user interface)

10   707/100   (1 OR, 9 XR)
        Class   707 : DATA PROCESSING: DATABASE AND FILE

```
                      MANAGEMENT OR DATA STRUCTURES
         707/100      DATABASE SCHEMA OR DATA STRUCTURE


  9  370/401      (1 OR, 8 XR)
         Class   370 :  MULTIPLEX COMMUNICATIONS
         370/351      PATHFINDING OR ROUTING
         370/389      .Switching a message which includes an address
                         header
         370/400      ..Having a plurality of nodes performing
                         distributed switching
         370/401      ...Bridge or gateway between networks


  9  709/203      (2 OR, 7 XR)
         Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                      SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
         709/200      MULTICOMPUTER DATA TRANSFERRING
         709/201      .Distributed data processing
         709/203      ..Client/server


  8  707/104.1    (1 OR, 7 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                      MANAGEMENT OR DATA STRUCTURES
         707/100      DATABASE SCHEMA OR DATA STRUCTURE
         707/104.1    .Application of database or data structure
                         (e.g., distributed, multimedia, image)


  8  709/217      (2 OR, 6 XR)
         Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                      SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
         709/200      MULTICOMPUTER DATA TRANSFERRING
         709/217      .Remote data accessing


  7  707/1        (4 OR, 3 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                      MANAGEMENT OR DATA STRUCTURES
         707/1        DATABASE OR FILE ACCESSING


  7  707/4        (2 OR, 5 XR)
         Class   707 :  DATA PROCESSING:  DATABASE AND FILE
                      MANAGEMENT OR DATA STRUCTURES
         707/1        DATABASE OR FILE ACCESSING
         707/3        .Query processing (i.e., searching)
         707/4        ..Query formulation, input preparation, or
                         translation


  7  709/218      (0 OR, 7 XR)
```

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING

```
        709/200          MULTICOMPUTER DATA TRANSFERRING
        709/217          .Remote data accessing
        709/218          ..Using interconnected networks
```

7 709/229   (1 OR, 6 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING

```
        709/200          MULTICOMPUTER DATA TRANSFERRING
        709/227          .Computer-to-computer session/connection
                            establishing
        709/229          ..Network resources access controlling
```

7 709/246   (4 OR, 3 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING

```
        709/200          MULTICOMPUTER DATA TRANSFERRING
        709/246          .Computer-to-computer data modifying
```

6 707/101   (2 OR, 4 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE
MANAGEMENT OR DATA STRUCTURES

```
        707/100          DATABASE SCHEMA OR DATA STRUCTURE
        707/101          .Manipulating data structure (e.g.,
                            compression, compaction, compilation)
```

6 709/202   (2 OR, 4 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING

```
        709/200          MULTICOMPUTER DATA TRANSFERRING
        709/201          .Distributed data processing
        709/202          ..Processing agent
```

6 709/219   (1 OR, 5 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING

```
        709/200          MULTICOMPUTER DATA TRANSFERRING
        709/217          .Remote data accessing
        709/219          ..Accessing a remote server
```

6 709/226   (4 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/223   .Computer network managing
        709/226   ..Network resource allocating

  6 709/227   (2 OR, 4 XR)
        Class   709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/227   .Computer-to-computer session/connection
                          establishing

  5 370/254   (4 OR, 1 XR)
        Class   370 : MULTIPLEX COMMUNICATIONS
        370/254   NETWORK CONFIGURATION DETERMINATION

  5 707/3   (4 OR, 1 XR)
        Class   707 : DATA PROCESSING: DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/1   DATABASE OR FILE ACCESSING
        707/3   .Query processing (i.e., searching)

  5 709/206   (2 OR, 3 XR)
        Class   709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/204   .Computer conferencing
        709/206   ..Demand based messaging

  5 709/220   (0 OR, 5 XR)
        Class   709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/220   .Network computer configuring

  5 709/230   (0 OR, 5 XR)
        Class   709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/230   .Computer-to-computer protocol implementing

  5 709/249   (0 OR, 5 XR)
        Class   709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

SYSTEMS: MULTIPLE COMPUTER OR PROCESS. COO
RDINATING
            709/200   MULTICOMPUTER DATA TRANSFERRING
            709/249   .Multiple network interconnecting

  4   370/230   (2 OR, 2 XR)
            Class   370 : MULTIPLEX COMMUNICATIONS
            370/229   DATA FLOW CONGESTION PREVENTION OR CONTROL
            370/230   .Control of data admission to the network

  4   370/235   (1 OR, 3 XR)
            Class   370 : MULTIPLEX COMMUNICATIONS
            370/229   DATA FLOW CONGESTION PREVENTION OR CONTROL
            370/235   .Flow control of data transmission through a
                            network

  4   370/392   (1 OR, 3 XR)
            Class   370 : MULTIPLEX COMMUNICATIONS
            370/351   PATHFINDING OR ROUTING
            370/389   .Switching a message which includes an address
                           header
            370/392   ..Processing of address header for routing, pe
r
                      se

  4   707/103R   (1 OR, 3 XR)
            Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
            707/100   DATABASE SCHEMA OR DATA STRUCTURE
            707/103R   .Object-oriented database structure

  4   707/9   (0 OR, 4 XR)
            Class   707 : DATA PROCESSING: DATABASE AND FILE
                            MANAGEMENT OR DATA STRUCTURES
            707/1   DATABASE OR FILE ACCESSING
            707/9   .Privileged access

  4   709/200   (3 OR, 1 XR)
            Class   709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
            709/200   MULTICOMPUTER DATA TRANSFERRING

  4   709/236 ´   (1 OR, 3 XR)
            Class   709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                            SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
            709/200   MULTICOMPUTER DATA TRANSFERRING

```
          709/230          .Computer-to-computer protocol implementing
          709/236          ..Computer-to-computer data framing


  4  719/315          (0 OR, 4 XR)
          Class    719 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                           SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER
PROCESS
                           COMMUNICATION (IPC)
          719/313          INTERPROGRAM COMMUNICATION USING MESSAGE
          719/315          .Object oriented message


  3  370/241          (1 OR, 2 XR)
          Class    370 :   MULTIPLEX COMMUNICATIONS
          370/241          DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION
)


  3  370/255          (2 OR, 1 XR)
          Class    370 :   MULTIPLEX COMMUNICATIONS
          370/254          NETWORK CONFIGURATION DETERMINATION
          370/255          .Using a particular learning algorithm or
                              technique


  3  370/276          (0 OR, 3 XR)
          Class    370 :   MULTIPLEX COMMUNICATIONS
          370/276          DUPLEX


  3  370/389          (2 OR, 1 XR)
          Class    370 :   MULTIPLEX COMMUNICATIONS
          370/351          PATHFINDING OR ROUTING
          370/389          .Switching a message which includes an address
                              header


  3  370/402          (1 OR, 2 XR)
          Class    370 :   MULTIPLEX COMMUNICATIONS
          370/351          PATHFINDING OR ROUTING
          370/389          .Switching a message which includes an address
                              header
          370/400          ..Having a plurality of nodes performing
                              distributed switching
          370/401          ...Bridge or gateway between networks
          370/402          ....Bridge between bus systems


  3  370/404          (1 OR, 2 XR)
          Class    370 :   MULTIPLEX COMMUNICATIONS
          370/351          PATHFINDING OR ROUTING
          370/389          .Switching a message which includes an address
                              header
```

```
       370/400        ..Having a plurality of nodes performing
                          distributed switching
       370/401        ...Bridge or gateway between networks
       370/402        ....Bridge between bus systems
       370/403        .....At least one bus is a ring network
       370/404        ......Ring or loop forms backbone for
                          interconnecting other networks

3  370/412        (0 OR, 3 XR)
       Class  370 :  MULTIPLEX COMMUNICATIONS
       370/351        PATHFINDING OR ROUTING
       370/389        .Switching a message which includes an address
                          header
       370/412        ..Queuing arrangement

3  370/428        (0 OR, 3 XR)
       Class  370 :  MULTIPLEX COMMUNICATIONS
       370/351        PATHFINDING OR ROUTING
       370/428        .Store and forward

3  370/449        (2 OR, 1 XR)
       Class  370 :  MULTIPLEX COMMUNICATIONS
       370/431        CHANNEL ASSIGNMENT TECHNIQUES
       370/449        .Polling

3  370/468        (2 OR, 1 XR)
       Class  370 :  MULTIPLEX COMMUNICATIONS
       370/464        COMMUNICATION TECHNIQUES FOR INFORMATION
                          CARRIED IN PLURAL CHANNELS
       370/465        .Adaptive
       370/468        ..Assignment of variable bandwidth or time
                          period for transmission or reception

3  707/2          (2 OR, 1 XR)
       Class  707 :  DATA PROCESSING:  DATABASE AND FILE
                          MANAGEMENT OR DATA STRUCTURES
       707/1          DATABASE OR FILE ACCESSING
       707/2          .Access augmentation or optimizing

3  707/201        (0 OR, 3 XR)
       Class  707 :  DATA PROCESSING:  DATABASE AND FILE
                          MANAGEMENT OR DATA STRUCTURES
       707/200        FILE OR DATABASE MAINTENANCE
       707/201        .Coherency (e.g., same view to multiple users)

3  709/201        (1 OR, 2 XR)
       Class  709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
```

SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
```
        709/200       MULTICOMPUTER DATA TRANSFERRING
        709/201       .Distributed data processing
```

```
3   709/221       (3 OR, 0 XR)
        Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
        709/200       MULTICOMPUTER DATA TRANSFERRING
        709/220       .Network computer configuring
        709/221       ..Reconfiguring
```

```
3   709/242       (0 OR, 3 XR)
        Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
        709/200       MULTICOMPUTER DATA TRANSFERRING
        709/238       .Computer-to-computer data routing
        709/242       ..Routing data updating
```

```
3   709/245       (1 OR, 2 XR)
        Class   709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
        709/200       MULTICOMPUTER DATA TRANSFERRING
        709/245       .Computer-to-computer data addressing
```

```
3   715/501.1     (0 OR, 3 XR)
        Class   715 :  DATA PROCESSING:  PRESENTATION PROCESSING OF
                        DOCUMENT
        715/501.1     HYPERMEDIA
```

```
3   718/104       (0 OR, 3 XR)
        Class   718 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: VIRTUAL MACHINE TASK OR PROCESS MAN
AGEMENT OR TASK
                        MANAGEMENT/CONTROL
        718/100       TASK MANAGEMENT OR CONTROL
        718/102       .Process scheduling
        718/104       ..Resource allocation
```

```
3   719/329       (0 OR, 3 XR)
        Class   719 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: INTERPROGRAM COMMUNICATION OR INTER
PROCESS
                        COMMUNICATION (IPC)
        719/328       APPLICATION PROGRAM INTERFACE (API)
```

```
            719/329          .Data transfer between application windows


  2  370/232          (1 OR, 1 XR)
            Class    370 :  MULTIPLEX COMMUNICATIONS ·
            370/229          DATA FLOW CONGESTION PREVENTION OR CONTROL
            370/230          .Control of data admission to the network
            370/232          ..Based on data flow rate measurement


  2  370/252          (1 OR, 1 XR)
            Class    370 :  MULTIPLEX COMMUNICATIONS
            370/241          DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION
)

            370/252          .Determination of communication parameters


  2  370/285          (0 OR, 2 XR)
            Class    370 :  MULTIPLEX COMMUNICATIONS
            370/276          DUPLEX
            370/282          .Transmit/receive interaction control
            370/285          ..Bridge


  2  370/352          (2 OR, 0 XR)
            Class    370 :  MULTIPLEX COMMUNICATIONS
            370/351          PATHFINDING OR ROUTING
            370/352          .Combined circuit switching and packet
                               switching


  2  370/395.31       (0 OR, 2 XR)
            Class    370 :  MULTIPLEX COMMUNICATIONS
            370/351          PATHFINDING OR ROUTING
            370/389          .Switching a message which includes an address
                               header
            370/395.1        ..Message transmitted using fixed length
                               packets (e.g., ATM cells)
            370/395.3        ...Connection identifier assignment
            370/395.31       ....Including routing table


  2  370/397          (0 OR, 2 XR)
            Class    370 :  MULTIPLEX COMMUNICATIONS
            370/351          PATHFINDING OR ROUTING
            370/389          .Switching a message which includes an address
                               header
            370/395.1        ..Message transmitted using fixed length
                               packets (e.g., ATM cells)
            370/396          ...Distributed switching
            370/397          ....Employing logical addressing for routing
                               (e.g., VP or VC)
```

```
2  370/400        (0 OR, 2 XR)
        Class   370 :   MULTIPLEX COMMUNICATIONS
        370/351           PATHFINDING OR ROUTING
        370/389           .Switching a message which includes an address
                            header
        370/400           ..Having a plurality of nodes performing
                            distributed switching


2  370/407        (0 OR, 2 XR)
        Class   370 :   MULTIPLEX COMMUNICATIONS
        370/351           PATHFINDING OR ROUTING
        370/389           .Switching a message which includes an address
                            header
        370/400           ..Having a plurality of nodes performing
                            distributed switching
        370/407           ...Interconnected star couplers


2  370/408        (0 OR, 2 XR)
        Class   370 :   MULTIPLEX COMMUNICATIONS
        370/351           PATHFINDING OR ROUTING
        370/389           .Switching a message which includes an address
                            header
        370/400           ..Having a plurality of nodes performing
                            distributed switching
        370/408           ...Nodes interconnected in hierarchy to form a
                            tree


2  370/410        (0 OR, 2 XR)
        Class   370 :   MULTIPLEX COMMUNICATIONS
        370/351           PATHFINDING OR ROUTING
        370/389           .Switching a message which includes an address
                            header
        370/400           ..Having a plurality of nodes performing
                            distributed switching
        370/410           ...Having a signaling feature


2  370/422        (1 OR, 1 XR)
        Class   370 :   MULTIPLEX COMMUNICATIONS
        370/351           PATHFINDING OR ROUTING
        370/389           .Switching a message which includes an address
                            header
        370/422           ..Centralized switching


2  370/463        (0 OR, 2 XR)
        Class   370 :   MULTIPLEX COMMUNICATIONS
        370/431           CHANNEL ASSIGNMENT TECHNIQUES
        370/463           .Details of circuit or interface for connectin
g
```

```
2  370/486        (0 OR, 2 XR)
        Class   370 :   MULTIPLEX COMMUNICATIONS
        370/473           ..Transmission of a single message having
                              multiple packets
        370/480           .Combining or distributing information via
                              frequency channels
        370/485           ..Subscriber carrier
        370/486           ...Program distribution


2  455/432.2      (0 OR, 2 XR)
        Class   455 :   TELECOMMUNICATIONS
        455/403           RADIOTELEPHONE SYSTEM
        455/422.1         .Zoned or cellular telephone system
        455/432.1         ..Roaming
        455/432.2         ...System format conversion


2  705/35         (2 OR, 0 XR)
        Class   705 :   DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
        705/1             AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                              PRACTICE OR MANAGEMENT ARRANGEMENT
        705/35            .Finance (e.g., banking, investment or credit)



2  705/36         (0 OR, 2 XR)
        Class   705 :   DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
        705/1             AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                              PRACTICE OR MANAGEMENT ARRANGEMENT
        705/35            .Finance (e.g., banking, investment or credit)

        705/36            ..Portfolio selection, planning or analysis


2  705/37         (0 OR, 2 XR)
        Class   705 :   DATA PROCESSING: FINANCIAL, BUSINESS
                          PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
ATION
        705/1             AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
                              PRACTICE OR MANAGEMENT ARRANGEMENT
        705/35            .Finance (e.g., banking, investment or credit)

        705/37            ..Trading, matching, or bidding


2  707/200         (1 OR, 1 XR)
```

        Class   707 :   DATA PROCESSING: DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/200   FILE OR DATABASE MAINTENANCE

  2 707/203   (0 OR, 2 XR)
        Class   707 :   DATA PROCESSING: DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/200   FILE OR DATABASE MAINTENANCE
        707/201   .Coherency (e.g., same view to multiple users)

        707/203   ..Version management

  2 707/5   (1 OR, 1 XR)
        Class   707 :   DATA PROCESSING: DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/1   DATABASE OR FILE ACCESSING
        707/3   .Query processing (i.e., searching)
        707/5   ..Query augmenting and refining (e.g., inexact
                        access)

  2 707/6   (0 OR, 2 XR)
        Class   707 :   DATA PROCESSING: DATABASE AND FILE
                        MANAGEMENT OR DATA STRUCTURES
        707/1   DATABASE OR FILE ACCESSING
        707/3   .Query processing (i.e., searching)
        707/6   ..Pattern matching access

  2 709/222   (1 OR, 1 XR)
        Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/220   .Network computer configuring
        709/222   ..Initializing

  2 709/225   (1 OR, 1 XR)
        Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING
        709/223   .Computer network managing
        709/225   ..Computer network access regulating

  2 709/231   (0 OR, 2 XR)
        Class   709 :   ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                        SYSTEMS: MULTIPLE COMPUTER OR PROCESS   COO
RDINATING
        709/200   MULTICOMPUTER DATA TRANSFERRING

```
            709/230      .Computer-to-computer protocol implementing
            709/231      ..Computer-to-computer data streaming

  2  709/232      (1 OR, 1 XR)
            Class  709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
            709/200          MULTICOMPUTER DATA TRANSFERRING
            709/230      .Computer-to-computer protocol implementing
            709/232      ..Computer-to-computer data transfer regulatin
g


  2  709/243      (0 OR, 2 XR)
            Class  709 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  MULTIPLE COMPUTER OR PROCESS    COO
RDINATING
            709/200          MULTICOMPUTER DATA TRANSFERRING
            709/238      .Computer-to-computer data routing
            709/243      ..Decentralized controlling

  2  713/340      (0 OR, 2 XR)
            Class  713 :  ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                          SYSTEMS:  SUPPORT
            713/300          COMPUTER POWER CONTROL
            713/340      .Having power source monitoring

  2  714/21       (0 OR, 2 XR)
            Class  714 :  ERROR DETECTION/CORRECTION AND FAULT
                          DETECTION/RECOVERY
            714/100          DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

            714/1        .Reliability and availability
            714/2        ..Fault recovery
            714/15       ...State recovery (i.e., process or data file)

            714/21       ....State validity check

  2  714/47       (0 OR, 2 XR)
            Class  714 :  ERROR DETECTION/CORRECTION AND FAULT
                          DETECTION/RECOVERY
            714/100          DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

            714/1        .Reliability and availability
            714/47       ..Performance monitoring for fault avoidance

  2  714/48       (0 OR, 2 XR)
            Class  714 :  ERROR DETECTION/CORRECTION AND FAULT
```

DETECTION/RECOVERY

714/100   DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

714/1   .Reliability and availability

714/48   ..Error detection or notification

2 715/514   (0 OR, 2 XR)

     Class   715 : DATA PROCESSING: PRESENTATION PROCESSING OF
                  DOCUMENT

     715/514   HIERARCHICAL CONTROL

2 715/522   (1 OR, 1 XR)

     Class   715 : DATA PROCESSING: PRESENTATION PROCESSING OF
                  DOCUMENT

     715/517   LAYOUT

     715/522   .Format information in separate file

2 715/523   (1 OR, 1 XR)

     Class   715 : DATA PROCESSING: PRESENTATION PROCESSING OF
                  DOCUMENT

     715/517   LAYOUT

     715/523   .Format transformation

2 715/700   (0 OR, 2 XR)

     Class   715 : DATA PROCESSING: PRESENTATION PROCESSING OF
                  DOCUMENT

     Could not find subclass title.